


Exhibit 5

Claim	Analysis
[19.1] A modular computer user interface system comprising:	<p>To the extent preamble is limiting, Dell Technologies (“Defendant”) makes, uses, sells and/or offers for sale a modular computer user interface system.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Defendant provides XPS 15¹ (used herein as an exemplary product) and auxiliary modules including but not limited to C2G USB C Dock with 4K HDMI, VGA, Ethernet, SD Reader and Power Delivery up to 100W - docking station - VGA, HDMI² (hereinafter referred as C2G USB C Dock) (used herein as an exemplary product) which collectively form a modular computer user interface system.</p>

¹ While XPS 15 has been used as an exemplary infringing product, all Dell laptops including but not limited to Vostro Series, Inspiron Series, XPS Series, G Series, Rugged Series, Latitude Series and/or Alienware Series as well as variants and versions of these products have same functionality. The presently charted exemplary infringing product is representative for purposes of illustrating infringement of the other Dell devices.

²While C2G USB C Dock with 4K HDMI, VGA, Ethernet, SD Reader and Power Delivery up to 100W - docking station - VGA, HDMI has been used as an exemplary infringing product, all Dell docking station including but not limited to Kensington SD5600T Thunderbolt 3 and USB-C Dual 4K Hybrid Docking Station, Kensington SD5700T Thunderbolt 4 Dual 4K Docking Station with 90W PD, Kensington SD4900P USB-C and USB 3.0 Triple 4K Hybrid Docking Station, Portable Dual Display Universal USB 3.0 Dock - VT100 - VisionTek, Triple Display USB-C Laptop Docking Station with Power Passthrough - VT2000 - VisionTek, Triple Display USB-C Docking Station with 85W Power Delivery - VT2500 - VisionTek, and Targus USB-C Multi-Port Single Video Adapter and Card Reader with 100W PD Pass-Through - Docking station - USB-C - HDMI as well as variants and versions of these products have same functionality. The presently charted exemplary infringing product is representative for purposes of illustrating infringement of the other Dell devices.



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XPS 15 Laptop

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- 9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)
- Windows 10 Home, 64-bit, English
- NVIDIA® GeForce® GTX 1650 4GB GDDR5
- 16GB DDR4-2666MHz, 2x8G
- 512GB M.2 PCIe NVMe Solid State Drive
- [Ports & Slots](#)

Est. Value ~~\$1,849.99~~
\$1,399.99

Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section



C2G USB C Dock with 4K HDMI, VGA, Ethernet, SD Reader and Power Delivery up to 100W - docking station - VGA, HDMI

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<p>[19.2] processor,</p>	<p>a Defendant provides a modular computer user interface system comprising a processor.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Defendant's XPS 15 comprises a processor including but not limited to 9th Generation Intel Core i7-9750H processor.</p> <div data-bbox="520 565 1934 1068">  <div data-bbox="1276 571 1934 1058"> <p>Compare </p> <h3>XPS 15 Laptop</h3> <p>★★★★★ 4.1 (5769) Ask a question</p> <p> 9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)</p> <p> Windows 10 Home, 64-bit, English</p> <p> NVIDIA® GeForce® GTX 1650 4GB GDDR5</p> <p> 16GB DDR4-2666MHz, 2x8G</p> <p> 512GB M.2 PCIe NVMe Solid State Drive</p> <p>Ports & Slots</p> <p>Est. Value \$1,849.99</p> <p>\$1,399.99</p> </div> </div> <p>Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section</p> <p>XPS 15 Laptop</p> <hr/> <p>Components</p> <div data-bbox="520 1321 1272 1416"> <p>Processor More Info</p> <p>9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)</p> </div>
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	Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section
[19.3] a platform including a keyboard mounted thereon, said processor electrically connected to and responsive of data communication from said keyboard,	<p>Defendant provides a modular computer user interface system comprising a platform including a keyboard mounted thereon, said processor electrically connected to and responsive of data communication from said keyboard.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Defendant's XPS 15 comprises a platform including a Backlit keyboard mounted thereon. XPS 15 (used herein as an exemplary product) comprises a processor including but not limited to 9th Generation Intel Core i7-9750H processor which is electrically connected to the Backlit keyboard and processes user input from the Backlit keyboard.</p>



Platform including a
keyboard mounted
thereon


Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section (annotated)




See what you've been missing

A standard backlit keyboard illuminates your keys so you can stay productive in low-light or no-light rooms while typing.

Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section

	<div data-bbox="520 240 1934 730">  <div data-bbox="1276 321 1533 365">XPS 15 Laptop</div> <div data-bbox="1276 376 1619 402">★★★★★ 4.1 (5769) Ask a question</div> <ul style="list-style-type: none"> 9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores) Windows 10 Home, 64-bit, English NVIDIA® GeForce® GTX 1650 4GB GDDR5 16GB DDR4-2666MHz, 2x8G 512GB M.2 PCIe NVMe Solid State Drive Ports & Slots <div data-bbox="1276 662 1442 688">Est. Value \$1,849.99</div> <div data-bbox="1276 695 1392 727">\$1,399.99</div> </div> <p data-bbox="520 743 1934 815">Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section</p> <div data-bbox="541 857 810 901">XPS 15 Laptop</div> <hr/> <div data-bbox="541 982 823 1036">Components</div> <div data-bbox="541 1079 831 1112">Processor More Info</div> <p data-bbox="541 1128 1482 1166">9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)</p> <p data-bbox="520 1198 1934 1269">Source: https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section</p>
[19.4] at least one auxiliary module secured to said platform in	Defendant provides a modular computer user interface system comprising at least one auxiliary module secured to said platform in segregated relation to said keyboard, wherein said auxiliary module includes a card reader unit.

<p>segregated relation to said keyboard, wherein said auxiliary module includes a card reader unit, and</p>	<p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Defendant provides C2G USB C Dock (“auxiliary module”) which includes a card reader unit. The C2G USB C Dock is not an integral part of the platform and is connected to the platform using USB-C interface assembly in segregated relation to the keyboard of XPS 15.</p> <div data-bbox="657 792 999 917">  </div> <div data-bbox="1182 565 1885 683"> <p>C2G USB C Dock with 4K HDMI, VGA, Ethernet, SD Reader and Power Delivery up to 100W - docking station - VGA, HDMI</p> <p>★★★★★ 4.6 (21) Ask a question</p> <p>\$105.99</p> <p>Free Standard Delivery</p> <p>Financing As low as \$20/mo.* Apply for credit</p> <p>Up to \$6 back in rewards</p> <p>View Delivery Dates</p> <p>1 ▼</p> <p>Add to Cart</p> </div> <p>Source: https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section</p>
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- HDMI supports resolutions up to 4K (3840 x 2160 at 30Hz)
- VGA supports resolutions up to 1920 x 1200 at 60Hz
- RJ45 Gigabit Ethernet port
- Two USB 3.0 ports
- Backwards compatible with USB 3.0 and USB 2.0
- SD and Micro SD card readers
- Power delivery to charge a laptop, tablet, or smartphone
- Compatible with 3.1 USB-C and Thunderbolt 3 ports
- Reversible, symmetrical USB-C connector
- Small form factor for portability

Source: https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section

Tech Specs

Product Type

Docking station

Docking Interface

USB-C

Video Interfaces

VGA, HDMI

Dimensions (WxDxH)

2.8 in 4.8 in

Weight

3.44 oz

Color

Black

Networking

Gigabit Ethernet

Manufacturer Warranty

1-year warranty

Source: https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section

<p>[19.5] an interface assembly at least partially connected to said platform and structured to operatively interconnect said auxiliary module and said processor.</p>	<p>accessories#techspecs_section</p> <p>Defendant provides a modular computer user interface system comprising an interface assembly at least partially connected to said platform and structured to operatively interconnect said auxiliary module and said processor.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Defendant's C2G USB C Dock ("auxiliary module") comprises an USB-C interface assembly. The C2G USB C Dock is connected to XPS 15 through the USB-C interface assembly. XPS 15's processor recognizes the C2G USB C Dock and further initiates operations to transfer photos and videos.</p> <div data-bbox="1184 743 1877 867"> <p>C2G USB C Dock with 4K HDMI, VGA, Ethernet, SD Reader and Power Delivery up to 100W - docking station - VGA, HDMI</p> </div> <div data-bbox="1184 873 1509 899"> <p>★★★★★ 4.6 (21) Ask a question</p> </div> <div data-bbox="1184 941 1316 977"> <p>\$105.99</p> </div> <div data-bbox="1184 980 1379 1006"> <p>Free Standard Delivery</p> </div> <div data-bbox="1184 1037 1604 1063"> <p>Financing As low as \$20/mo.* Apply for credit</p> </div> <div data-bbox="1184 1070 1434 1096"> <p>Up to \$6 back in rewards</p> </div> <div data-bbox="1184 1107 1398 1133"> <p>View Delivery Dates</p> </div> <div data-bbox="659 976 999 1102">  </div> <div data-bbox="1184 1164 1302 1211"> <p>1 ▼</p> </div> <div data-bbox="1365 1164 1680 1211"> <p>Add to Cart</p> </div> <p>Source: https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section</p>
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Source: https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section

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Manufacturer Warranty

1-year warranty

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[accessories#techspecs_section](#)



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XPS 15 Laptop

Components

Processor [More Info](#)

9th Generation Intel® Core™ i7-9750H (12MB Cache, up to 4.5 GHz, 6 cores)

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1. List of References

1. https://www.dell.com/en-us/shop/dell-laptops/xps-15-laptop/spd/xps-15-7590-laptop/xn7590edldh#features_section, last accessed on March 18, 2021.
2. https://www.dell.com/en-us/shop/c2g-usb-c-dock-with-4k-hdmi-vga-ethernet-sd-reader-and-power-delivery-up-to-100w-docking-station-vga-hdmi/apd/aa574316/pc-accessories#techspecs_section , last accessed on March 18, 2021.